OPTICON

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Barcode scanning solutions

Product ranges

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OEM
MDI1000
MDI2000
MDI2100
MDI2200

Stationary
NLV2101
M5

Cabled scanners
0PI2002
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Wireless
0PI4002

Windows CE
H15B
PHL7254
PHL8152

Windows Mobile
H19B
H21-2D

H16

H16A

- Barcode laser scanner
- Operating system: Windows Mobile™ 5.0
- Keypad: Slide-out QWERTY keyboard
- GSM/GPRS/EDGE
  W-LAN (WiFi IEEE 802.11 b/g)
  Bluetooth

Art. code 11707

H19

H19A

- Barcode laser scanner
- Operating system:
  Windows Mobile™ 6 Professional
- Keypad: Dial keypad
- IP rate: 54
- GSM/GPRS/EDGE
  W-LAN, (WiFi, IEEE 802.11 b/g)
  Bluetooth
  GPS

Art. code 12417

H19B

- 2D CMOS imager

Art. code 11710

H21

H21-1D

- Barcode laser scanner
- Color camera
- Operating system: Windows Mobile™ 6.5
- Keypad: Numeric or Qwerty
- IP rate: 64
- GPRS/EDGE/3G/3.5G
  W-LAN, (WiFi, IEEE 802.11 b/g)
  Bluetooth
  AGPS

(Numeric) Art. code 12596
(Qwerty) Art. code 12598

H21-2D

- 2D CMOS imager with auto-focus

(Numeric) Art. code 12597
(Qwerty) Art. code 12599

Windows Mobile
Accessories

Default enclosed

*Also sold separately.

H16

Power supply 230V-5V/1A
Standard battery H16* [11700]
Getting started disc
Ear microphone
Leather case
USB cable
Stylus* [11763]

H19

Power supply 230V-5V/1A
Standard battery H19* [11812]
Getting started disc
Ear microphone
Leather case
Hand strap
USB cable
Neck strap
Belt clip
Stylus* Standard [11839] / Solid [11971] + Cord [12043]

H21

USB AC Adapter
Standard battery H21* [12560]
Getting started disc
Ear microphone
Leather case
Hand strap
USB cable
Stylus

Sold separately

High-capacity battery
Art. code 11855*
* Battery cover required, sold separately
H16 Cover [11856], H19 Cover [11857]
H16, H19

Car charging adapter
Art. code 11762
H16, H19

Car holder
Art. code 11744
H16

Car holder kit
Art. code 11802
H19

Car holder kit
Art. code 12559
H21

CRD19
- ✓ Power supply 5V enclosed
- ✓ USB cable enclosed
- ✓ Spare battery charging bay integrated

Art. code 11764
H19

CRD19E4
- ✓ Power supply 12V/5A enclosed
- ✓ 4 slots and 4 spare battery charging bays integrated

Art. code 11352
H19

CRD21
- ✓ Power supply 5V enclosed
- ✓ USB cable enclosed
- ✓ Spare battery charging bay integrated

Art. code 12558
H21

Software

- ✓ **SDK free downloadable**
  All devices
- ✓ **Visual Studio**
  To be obtained by Microsoft
- ✓ **Windows SDK Mobile 5.0, Mobile 6 or Mobile 6.5**
  To be obtained by Microsoft

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Numeric key

H15
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 54
- Bluetooth

W-LAN
(WiFi, IEEE 802.11b/g)

Art. code 11961

H15B
- 2D CMOS imager

Art. code 11962

PHL7112
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 54
- Bluetooth

W-LAN
(WiFi, IEEE 802.11b/g)
Serial connector

Art. code 11457

PHL7142
- Long range scanner

Art. code 11454

PHL7114
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 54
- Bluetooth

W-LAN
(WiFi, IEEE 802.11b/g)
Serial connector
GSM/GPRS

Art. code 11458

PHL8112
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 65
- IrDA

Bluetooth
W-LAN
(WiFi, IEEE 802.11b/g)
Serial connector

Art. code 11864

PHL8152
- 2D CMOS imager

Art. code 12275

PHL8114
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 65
- IrDA

Bluetooth
W-LAN
(WiFi, IEEE 802.11b/g)
Serial connector
GPRS/EDGE

Art. code 11865

Full keypad

PHL7214
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 54
- Bluetooth

W-LAN (WiFi, IEEE 802.11b)
Serial connector
GSM/GPRS

Art. code 11521

PHL7254
- 2D CMOS imager
- Windows CE 5.0
- IP rate: 54
- Bluetooth

W-LAN (WiFi, IEEE 802.11b)
Serial connector
GSM/GPRS

Art. code 11520

PHL8212
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 65
- IrDA

Bluetooth
W-LAN (WiFi, IEEE 802.11b/g)
Serial connector

Art. code 11866

PHL8214
- Barcode laser scanner
- Windows CE 5.0
- IP rate: 65
- IrDA

Bluetooth
W-LAN (WiFi, IEEE 802.11b/g)
Serial connector
GPRS/EDGE

Art. code 11867

Windows CE
Accessories

Default enclosed

All enclosed items are optionally sold separately.

H15 Accessories
- Standard battery [12039]
- Hand strap [12040]
- Stylus + Cord [12041+12043]

H15

- CF support guide [11467]

PHL7112, PHL7142

PHL7000 series Accessories
- Power supply + Power cord [11460+11461]
- Standard battery [11459]
- USB client cable [11463]
- Ear microphone (stereo) [11462]
- Hand strap [11464]
- Stylus [11465]

PHL7000 series

PHL8000 series Accessories
- Power supply + Power cord [11987+11461]
- Standard battery [11954]
- USB client cable [11463]
- Ear microphone (stereo) [11462]
- Hand strap [11986]
- Stylus + Spring cord [11985+12252]

PHL8000 series

Sold separately

Also notice the above mentioned default enclosed items.

High-capacity battery Art. code 11470
* Battery cover required sold separately
- PHL7000 cover [11505]
- PHL8000 cover [11955]

IRU7004
- 4 x spare battery charger
- Power supply enclosed

Art. code 11471

USB host cable for terminal Art. code 11476

Car charging adapter Art. code 11473

RS232 serial cable for terminal Art. code 11475

GSM ear microphone (mono) Art. code 11569

PHL7000 series, PHL8000 series

Pistol grip Art. code 11469

Car mount Art. code 11695

Holster Art. code 11472

PHL7000 series

RFID card cover Art. code 11474
+ RFID card on request

PHL7112

Nylon case fixed clip Art. code 12276

PHL8000 series

Software

- SDK free downloadable
  All devices
- Visual Studio
  To be obtained by Microsoft
- Windows SDK CE 5.0
  To be obtained by Microsoft

Charging and Communication

Sold separately.
* Terminal charging features and spare battery charging bay integrated
** USB cable optionally sold separately [11573]

CRD15*
- Power supply 6V/2A enclosed
- USB cable enclosed**

Art. code 11963

CRD15E4
- Power supply 12V/5A enclosed
- 4 slots and 4 spare battery charging bays integrated

Art. code 12381

H15

IRU7000*
- Power supply 5V/6.5A enclosed
- RS232 cable sold separately [10836]
- USB cable enclosed**

Art. code 11468

PHL7000 series

IRU8000*
- Power supply 5V/2.6A sold separately [11987]
- RS232 cable sold separately [10836]
- USB cable enclosed**

Art. code 11942

PHL8000 series

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Batch Terminals

OPH1004

- Barcode laser scanner
- O/S: Proprietary
- Battery: Rechargeable
- Display: 128 x 128 pixels graphic LCD
- RAM memory: 16 MB
- IP rate: 54
- IrDA (SiR) **Art. code 11979**

- Cradles: CRD1001 Serial (USB & RS232), CRD1002 Modem, CRD1003 GSM/GPRS, all with spare battery charging

PHL1300

- Barcode laser scanner
- O/S: Proprietary
- Battery: Rechargeable or dry cell
- Display: 96 x 64 pixels graphic LCD
- RAM memory: 8 MB
- IrDA (SiR) **Art. code 10044**

- Cradles: IRU1300 Serial (RS232 & RS485) IRU1300MODEM, IRU1300GSM/GPRS

H13

- Barcode laser scanner
- O/S: Proprietary
- Battery: Rechargeable or dry cell
- Display: 128 x 128 pixels graphic LCD
- RAM memory: 16 MB
- IP rate: 54
- IrDA (SiR & FiR) **Art. code 11968**

- Cradles: CRD13 serial (USB & RS232)

PHL2700

- Barcode laser scanner
- O/S: Proprietary
- Battery: Rechargeable or dry cell
- Display: 128 x 64 pixels graphic LCD
- RAM memory: 8 MB
- IP rate: 42
- IrDA (SiR) **Art. code 10038**

- Cradles: IRU2700 Serial (RS232 & RS485)

Batch Terminals
Accessories

Battery

Rechargeable Battery

Art. code 10304
PHL1300
sold separately

Art. code 11953
PHL1300 SN24134>
sold separately

Art. code 10837
PHL2700
sold separately

Art.code 12025
H13 sold separately
OPH1004 enclosed item

Backup battery
PHL1300
PHL2700
enclosed

Dry cell Battery (Sold separately)

AA Alkaline batteries
Art. code 10344
H13*
PHL1300
PHL2700*
* Battery holder required

Battery holder
Art. code 12026
H13

Battery holder
Art. code 10678
PHL2700

Software

- ✓ **Download and Upload tools and Neto32: Free downloadable**
  PHL1300, PHL2700, OPH1004
- ✓ **SDK free downloadable**
  All batch terminals
- ✓ **Microtec Ansi-C Cross compiler:**
  Art. code 10849
  PHL1300, PHL2700
- ✓ **WinARM compiler:**
  Enclosed in SDK, OPH1004, H13
- ✓ **LoadDLL application loading Development kit:** To use Opticon download protocols in customer applications
  Art. code 10235
  PHL1300, PHL2700, OPH1004

Operation

Hand strap
Enclosed for all terminals

Nylon cases
Sold separately

Nylon case
Art. code 10894
PHL1300

Swivel clip
Art. code 10896/10897
PHL1300, PHL2700

Fixed clip
Art. code 10899/10900
PHL1300, PHL2700

Window & swivel clip
Art. code 11212
PHL2700

Charging & Communication

Sold separately. All cradles have terminal charging features integrated.

CRD13
- ✓ USB cable enclosed
- ✓ RS232 cable enclosed
- ✓ Power supply 6V/2A enclosed

Art. code 11969

CRD13GSM
- ✓ GSM/GPRS integrated
- ✓ Power supply 6V/2A enclosed

Art. code 11970

H13

CRD1001*
- ✓ USB cable enclosed
- ✓ RS232 cable enclosed
- ✓ Power supply 6V/2A sold separately [10991]

Art. code 11590

CRD1002*
- ✓ Telephone cable 3 m enclosed
- ✓ Telephone cable 1.8 m sold separately [11365]
- ✓ Splitter enclosed
- ✓ Power supply 6V/2A sold separately [10991]

Art. code 11600

CRD1003*
- ✓ GSM/GPRS integrated
- ✓ Power supply 6V/2A enclosed

Art. code 11601

* spare battery charging bay integrated

OPH1004

IRU1300
- ✓ RS232 cable sold separately [10836]
- ✓ RS485 cable sold separately [10637]
- ✓ Power supply 9V/0.5A sold separately [10990]

Art. code 10048

PHL1300

IRU2700
- ✓ RS232 cable sold separately [10836]
- ✓ RS485 cable sold separately [10637]
- ✓ Power supply 9V/0.5A sold separately [10990]

Art. code 10285

RS232 cable
Art. code 10280

PHL2700

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OPTICON

Data Collectors

Smart

OPL9723
- Barcode laser scanner
- Keypad: 3 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA

Art. code 10995

OPL9724
- Barcode laser scanner
- Keypad: 3 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA
- Bluetooth

Art. code 10996

Simple

OPL9725
- Barcode laser scanner
- Keypad: 1 key
- IrDA

Art. code 10993

OPL9727
- Barcode laser scanner
- Keypad: 3 keys
- IrDA

Art. code 10994

OPN2001
- Pocket memory scanner
- Keypad: 2 keys
- USB

Art. code 11858

OPN2002
- Pocket memory scanner
- Keypad: 2 keys
- USB
- Bluetooth

Art. code 12030

Advanced

OPL9728
- Barcode laser scanner
- Keypad: 18 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA

Art. code 11054

OPL9712
- Barcode laser scanner
- Keypad: 18 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA
- Bluetooth

Art. code 11525

GPS

OPL9714
- Barcode laser scanner
- Keypad: 3 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA
- GPS

Art. code 11974

OPL9715
- Barcode laser scanner
- Keypad: 18 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA
- GPS

Art. code 12036

Dry cell

DCL1530
- Barcode laser scanner
- Keypad: 3 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA
- USB

Art. code 11395

DCL1531
- Barcode laser scanner
- Keypad: 18 keys
- Display: 112 x 64 pixels graphic LCD
- IrDA
- USB

Art. code 11566

Data Collectors
Accessories

Battery

Default enclosed item. Also sold separately.

Rechargeable
Art. code 10303
OPL9700 series

Rechargeable
Art. code 11953
OPL9714, OPL9715

Dry cell AAA

DCL1500 series

Operation

Cases
Sold separately

Nylon case window & swivel clip
Art. code 11211
Excl. OPL9714, OPL9715

Nylon case swivel clip
Art. code 10838

Nylon case fixed clip
Art. code 10839

Hand strap
Default enclosed
All data collectors

Neck strap
Default enclosed
OPN2000 series

Software

- ✓ **Download and Upload tools and Neto32: Free downloadable**
  All data collectors
- ✓ **SDK free downloadable**
  All data collectors
- ✓ **Toshiba Ansi-C Cross compiler: Art. code 10297**
  All data collectors
- ✓ **Neto 32bit active-X DLL Development kit:** To use Net0 protocol in customer applications **Art. code 10825**
  All data collectors
- ✓ **LoadDLL Application loading Development kit:** To use Opticon download protocols in customer applications **Art. code 10235**
  All data collectors

Charging & Communication

Sold separately. All cradles have data collector charging features enclosed.

CRD9722
- ✓ Power supply 6(5.7)V sold separately [10850]

Art. code 10998

CRD9723RU
- ✓ USB cable sold separately [10957]
- ✓ RS232 cable enclosed
- ✓ Power supply 6(5.7)V sold separately [10850]

Art. code 10935

CRD9726
- ✓ Telephone cable 3.0 m enclosed
- ✓ Telephone cable 1.8 m sold separately [11365]
- ✓ Splitter enclosed
- ✓ Power supply 6(5.7)V sold separately [10850]

Art. code 11592

CRD9727
- ✓ Power supply 6V sold separately [10991]
- ✓ Quad-band

Art. code 12297

CRD9723RU1
- ✓ 1 x communication, 5 x charging
- ✓ USB cable enclosed
- ✓ RS232 cable enclosed
- ✓ Power supply 6V sold separately [10991]

Art. code 11099

CRD9723RU5
- ✓ 5 x communication, 5 x charging
- ✓ USB cable enclosed
- ✓ RS232 cable enclosed
- ✓ Power supply 6V sold separately [10991]

Art. code 11098

CRD2000RU10
- ✓ Power supply 6V enclosed
- ✓ RS232 cable enclosed
- ✓ USB cable enclosed

Art. code 12031

OPN2002

USB cable
- ✓ Charging and communication enclosed

OPN2001, OPN2002

CRD1531
- ✓ Telephone cable 3.0 m enclosed
- ✓ Telephone cable 1.8 m sold separately [11365]
- ✓ Splitter enclosed
- ✓ Power supply 6V enclosed

Art. code 11527

USB cable
enclosed

OPL9700 series | OPN2000 series | DCL1500 series

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Wireless Scanners

OPR3101

- Barcode laser scanner
- 68 x 155 x 165 mm (w x d x h)
  2.68 x 6.10 x 6.50 in (w x d x h)
- Weight: Ca. 250 g / 8.8 oz
- Bluetooth

(White) Art. code 11651
(Black) Art. code 11847

OPR3301

- Barcode laser scanner
- 56 x 132 x 113 mm (w x d x h)
  2.20 x 5.20 x 4.45 in (w x d x h)
- Weight: Ca. 110 g / 3.902 oz
- Bluetooth

(White) Art. code 12438
(Black) Art. code 12429

OPL2724

- Barcode laser scanner
- 40 x 96 x 22 mm (w x d x h)
  1.57 x 3.78 x 0.86 in (w x d x h)
- Weight: Ca. 50 g / 1.8 oz
- Bluetooth

Art. code 11437

OPL7734

802.15.4

- Barcode laser scanner
- 55 x 115 x 150 mm (w x d x h)
  2.17 x 4.53 x 5.91 in (w x d x h)
- Weight: Ca. 130 g / 5 oz.
- IEEE 802.15.4

(White) Art. code 11144
(Black) Art. code 11561

OPI4002

802.15.4

- 2D CMOS imager
- 59 x 164 x 43 mm (w x d x h)
  2.32 x 6.46 x 1.69 in (w x d x h)
- Weight: Ca. 125 g / 4.4 oz (excl. cable)
- IEEE 802.15.4
- Equipped with powerjack

Art. code 11666

Wireless Scanners
Accessories

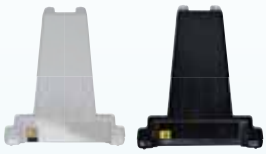
Charging & Communication

Sold separately. All cradles have charging features for the battery integrated in the scanner.

CHG3101

- ✓ Power supply 6V/2A sold separately [10991]

(White) Art. code 11317
(Black) Art. code 11849



CRD3101

- ✓ Power supply 6V/2A enclosed
- ✓ RS232 cable enclosed
- ✓ USB cable enclosed

(White) Art. code 11652
(Black) Art. code 11848

Battery

- ✓ Rechargeable battery default enclosed

Art. code 11846

OPR3101

CRD3301

- ✓ Power supply 6V/2A enclosed
- ✓ RS232 cable enclosed
- ✓ USB cable enclosed

(White) Art. code 12291
(Black) Art. code 12292

OPR3301

Battery

- ✓ Dry cell AAA enclosed

OPL2724

CRD7734

- ✓ RS232 cable enclosed
- ✓ USB cable sold separately
  White [10957]
  Black [12095]
- ✓ Power supply 6(5.7)V sold separately [10850]

(White) Art. code 11124
(Black) Art. code 11563

OPL7734

CHG4001

- ✓ Power supply 6V/2A sold separately [10991]
- ✓ Converter cable sold separately [11870]

Art. code 11724

IEEE 802.15.4 dongle OPA1001

- ✓ USB connector integrated default enclosed

Art. code 11667

Power supply

- ✓ Power supply 6V/2A with universal adapters sold separately

Art. code 10991

OPI4002

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Cabled Scanners

All models are available with RS232, Keyboard Wedge and USB interface.

Auto-trigger

OPL6845R
- Barcode laser scanner
- Weight: Ca. 90 g / 3.2 oz
- IP rate: 42
- Ergonomics: Hand scanner with stand

OPR2001
- Barcode laser scanner
- Weight: Ca. 60 g / 2.1 oz
- IP rate: 42
- Ergonomics: Hand scanner with stand

OPR3201
- Barcode laser scanner
- Weight: Ca. 80 g / 2.8 oz
- IP rate: 42
- Ergonomics: Hand scanner with stand

CCD

OPR4001 (excl. USB)
- Barcode CCD scanner
- Weight: Ca. 80 g / 2.8 oz (excl. cable)
- Ergonomics: Hand scanner

C37
- Barcode CCD scanner
- Weight: Ca. 90 g / 3.2 oz (excl. cable)
- IP rate: 42
- Ergonomics: Hand scanner

Pistol

OPR3001
- Barcode laser scanner
- Weight: Ca. 230 g / 8.1 oz
- IP rate: 54
- Ergonomics: Pistol

OPL7836
- Barcode laser scanner
- Weight: Ca. 100 g / 3.5 oz (excl. cable)
- IP rate: x2
- Ergonomics: Pistol

OPR3004
- Long range laser scanner
- Weight: Ca. 210 g / 17.4 oz
- IP rate: 54
- Ergonomics: Pistol

2D

OPI2002
- 2D CMOS imager
- Weight: Ca. 135 g / 4.8 oz (excl. cable)
- IP rate: 42
- Ergonomics: Pistol

OPI2201
- 2D CMOS imager with auto-focus
- Weight: Ca. 135 g / 4.8 oz (excl. cable)
- IP rate: 42
- Ergonomics: Pistol

Information about article codes is supplied on the backside.

Cabled Scanners
Accessories

Power Supply

Power supply 230V-5V/500mA
Art. code 11020
✓ Sold separately
OPL-7836-RS232

Power supply 6V/2A
Art. code 10991
✓ Sold separately
OPR-2001-RS232
OPR-3001-RS232
✓ Enclosed item
C37-RS232
OPI-2002-RS232
OPI-2002-WEDGE
OPI-2201-RS232
OPI-2201-WEDGE
OPL-6845R-RS232
OPR-3004-RS232
OPR-3201-RS232
OPR-4001-RS232

Stand

OPL6845R Stand
Default enclosed item
Optionally sold separately
(Black) Art. code 11108

OPR2001 Stand
Default enclosed item
Not separately available

OPR3001, OPR3004 Stand
Sold separately
Art. code 11832

OPR3201 Stand
Default enclosed item
Optionally sold separately
(White) Art. code 12037
(Black) Art. code 12038

OPI2002 Stand
Sold separately
Art. code 10251

OPI2201 Stand
Sold separately
(White) Art. code 12289
(Black) Art. code 12290

Art. codes Scanners

C37 (White/Black)

C37-WHITE-RS232	12308
C37-WHITE-USB	12309
C37-WHITE-WEDGE	12310
C37-BLACK-RS232	12305
C37-BLACK-USB	12306
C37-BLACK-WEDGE	12307

OPI2002

OPI-2002-RS232	11655
OPI-2002-USB	11656
OPI-2002-WEDGE	11654

OPI2201 (White/Black)

OPI-2201-WHITE-RS232	12011
OPI-2201-WHITE-USB	12012
OPI-2201-WHITE-WEDGE	12013
OPI-2201-BLACK-RS232	12097
OPI-2201-BLACK-USB	12098
OPI-2201-BLACK-WEDGE	12099

OPL6845R (White/Black)
✓ Default with stand

OPL-6845R-WHITE+STD-RS232	12091
OPL-6845R-WHITE+STD-USB	12092
OPL-6845R-WHITE+STD-WEDGE	12093
OPL-6845R-BLACK+STD-RS232	12088
OPL-6845R-BLACK+STD-USB	12089
OPL-6845R-BLACK+STD-WEDGE	12090

✓ Also scanner only

OPL-6845R-WHITE-RS232	12059
OPL-6845R-WHITE-USB	12060
OPL-6845R-WHITE-WEDGE	12061
OPL-6845R-BLACK-RS232	12056
OPL-6845R-BLACK-USB	12057
OPL-6845R-BLACK-WEDGE	12058

OPL7836 (White/Black)

OPL-7836-WHITE-RS232	11558
OPL-7836-WHITE-USB	11559
OPL-7836-WHITE-WEDGE	11560
OPL-7836-BLACK-RS232	11532
OPL-7836-BLACK-USB	11537
OPL-7836-BLACK-WEDGE	11538

OPR2001

OPR-2001+STD-RS232	11646
OPR-2001+STD-USB	11645
OPR-2001+STD-WEDGE	11644

OPR3001 (White/Black)
✓ Default straight cable

OPR-3001-WHITE-RS232	11555
OPR-3001-WHITE-USB	11611
OPR-3001-WHITE-WEDGE	11612
OPR-3001-BLACK-RS232	11756
OPR-3001-BLACK-USB	11757
OPR-3001-BLACK-WEDGE	11758

✓ Also coiled cable

OPR-3001-BLACK-RS232-COILED	11759
OPR-3001-BLACK-USB-COILED	11760

OPR3004

OPR-3004-WEDGE	11648
OPR-3004-USB	11649
OPR-3004-RS232	11650

OPR3201 (White/Black)
✓ Default with stand

OPR-3201-WHITE+STD-RS232	11794
OPR-3201-WHITE+STD-USB	11795
OPR-3201-WHITE+STD-WEDGE	11796
OPR-3201-WHITE+STD-RS232	11845
OPR-3201-BLACK+STD-RS232	11788
OPR-3201-BLACK+STD-USB	11789
OPR-3201-BLACK+STD-WEDGE	11790

✓ Also scanner only

OPR-3201-WHITE-RS232	11797
OPR-3201-WHITE-USB	11798
OPR-3201-WHITE-WEDGE	11799
OPR-3201-BLACK-RS232	11791
OPR-3201-BLACK-USB	11792
OPR-3201-BLACK-WEDGE	11793

OPR4001 (White/Black)

OPR-4001-WHITE-RS232	12008
OPR-4001-WHITE-WEDGE	12010
OPR-4001-BLACK-RS232	11982
OPR-4001-BLACK-WEDGE	11984

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OPTICON

Stationary Scanners

Laser

NLV1001

- Barcode laser scanner
- Scan rate: 100 scans/sec
- Case material: ABS
- 30 x 43.3 x 20 mm (w x d x h)
  1.18 x 1.70 x 0.79 in (w x d x h)
- IP rate: 43
- RS232
  USB (HID/VCP)
  Keyboard Wedge

NLV2001

- Barcode laser scanner
- Scan rate: 100 scans/sec
- Case material: Metal
- 46 x 58 x 25 mm (w x d x h)
  1.81 x 2.28 x 0.98 in (w x d x h)
- IP rate: 67
- RS232
  USB (HID/VCP)
  Keyboard Wedge

NLB1000

- Barcode laser scanner
- Scan rate: 1000 scans/sec
- Case material: Metal diecast
- 29 x 34 x 17 mm (w x d x h)
  1.14 x 1.34 x 0.67 in (w x d x h)
- IP rate: 54
- RS232, USB (VCP)

RLB1000

- Barcode raster laser scanner

CCD

NFT7175

- NFT7175 L-type also available
- Barcode CCD scanner
- Scan rate: 700 scans/sec
- Case material: Sheet metal
- 47 x 55 x 20 mm (w x d x h)
  1.85 x 2.16 x 0.78 in (w x d x h)
- RS232

NFT7345

- Barcode infrared scanner
- Scan rate: 200 scans/sec

2D

NLV2101

- 2D CMOS imager
- Scan rate: Up to 30 fps
- Case material: Metal
- 46 x 58 x 24.5 mm (w x d x h)
  1.81 x 2.28 x 0.96 in (w x d x h)
- IP rate: 67
- RS232
  USB (HID/VCP)

Presentation

M5

- 2D CMOS imager
- Scan rate: Up to 50 fps
- Case material: ABS
- 90 x 95 x 139 mm (w x d x h)
  3.54 x 3.74 x 5.47 in (w x d x h)
- IP rate: 52
- RS232
  USB (HID/VCP)
  Keyboard Wedge

OPV1001

- Omnidirectional laser scanner
- Scan rate: 1000 scans/sec
- Case material: ABS
- 71 x 79.4 x 100 mm (w x d x h)
  2.80 x 3.13 x 3.94 in (w x d x h)
- RS232
  USB (HID/VCP)
  Keyboard Wedge

OPM2000

- Omnidirectional laser scanner
- Scan rate: 1000 scans/sec
- Case material: ABS
- 104 x 115 x 164 mm (w x d x h)
  4.09 x 4.53 x 6.46 in (w x d x h)
- RS232
  USB (HID)
  Keyboard Wedge

OPM5145

- Omnidirectional laser scanner
- Scan rate: 1000 scans/sec
- Case material: Zinc diecast
- 76 x 85 x 96 mm (w x d x h)
  2.99 x 335 x 3.78 in (w x d x h)
- RS232
  USB (HID/VCP)
  Keyboard Wedge

Information about article codes is supplied on the backside.

Stationary Scanners
Accessories

Power supply

Power supply 230V-5V/500mA
Art. code 11020
✓ Sold separately
NFT-7175-RS232
NFT-7345-RS232

Power supply 5V/2A

Art. code 11052
✓ Sold separately
NLB-1000-RS232
NLV-1001-RS232
NLV-2001-RS232
NLV-2101-RS232
RLB-1000-RS232

Power supply 5V/2A
✓ Enclosed

Power cord
Art. code 10755
✓ Sold separately

OPM-2000-RS232
OPM-2000-USB
OPM-2000-WEDGE
OPV-1001-RS232
OPV-1001-WEDGE

Power supply 6V/2A
Art. code 10991
✓ Enclosed item
OPM-5145-RS232
OPM-5145-WEDGE
M5-RS232
M5-WEDGE

Stand

Stand for OPV1001
Default enclosed item
Optionally sold separately
(White) Art. code 11660
(Black) Art. code 11664

Art. codes Scanners

✓ **M5**

	Art. code
White	
M5-RS232	12240
M5-USB	12241
M5-WEDGE	12242
Black	
M5-RS232	12243
M5-USB	12244
M5-WEDGE	12245

✓ **NLB/RLB series**

	Art. code
NLB-1000-RS232	
-No connector	12062
-DB9	12246
-DB25	12247
NLB-1000-USB-VCP	12064
RLB-1000-RS232	12063
RLB-1000-USB	12065

✓ **NFT series**

NFT-7175-I-RS232	11302
NFT-7175-L-RS232	11305
NFT-7345-RS232	11556

✓ **NLV series**

	Art. code
NLV-1001-RS232	11613
NLV-1001-USB-HID	11614
NLV-1001-USB	11615
NLV-1001-WEDGE	11616
NLV-2001-RS232	11673
NLV-2001-USB	11674
NLV-2001-WEDGE	11675
NLV-2101-RS232	11623
NLV-2101-USB	11624

✓ **OPM series**

	Art. code
White	
OPM-2000-RS232	11154
OPM-2000-USB	11155
OPM-2000-WEDGE	11156
Black	
OPM-2000-RS232	11273
OPM-2000-USB	11274
OPM-2000-WEDGE	11275
OPM-5145-RS232	11939
OPM-5145-USB	11940
OPM-5145-WEDGE	11941

✓ **OPV**

	Art. code
White	
OPV-1001-RS232	11659
OPV-1001-USB	11658
OPV-1001-WEDGE	11657
Black	
OPV-1001-RS232	11663
OPV-1001-USB	11662
OPV-1001-WEDGE	11661

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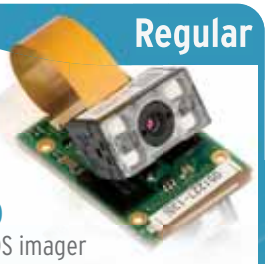
Regular

MDL1000

- Barcode laser scanner
- Scan rate: 100 scans/sec
- Scan range: Ca. 50 - 650 mm
  Ca. 1.97 - 25.59 in
- 28 x 18 x 7.8 mm (w x d x h)
  1.10 x 0.71 x 0.31 in (w x d x h)
- Weight: Ca. 10 g / 0.35 oz
  Art. Conn. Gold **11321** Conn. Tin **11501**

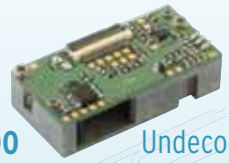
MDL2001

- Barcode laser scanner
- Scan rate: 100 scans/sec
- Scan range: Ca. 50 - 650 mm
  Ca. 1.97 - 25.59 in
- 20.4 x 18 x 11.2 mm (w x d x h)
  0.79 x 0.71 x 0.44 in (w x d x h)
- Weight: Ca. 4.7 g / 0.17 oz
  Art. Conn. Tin **12295**



MDI1000

- 2D CMOS imager
- Scan rate: up to 30 fps
- Scan range: Ca. 50 - 300 mm
  Ca. 1.97 - 11.81 in
- Weight CMOS: Ca. 3.9 g / 0.14 oz
  PCB: Ca. 3.8 g / 0.13 oz
  Art. code 11572
- Connection **FPC flatcable**
  Long 69mm **Art. code 11575**
  Short 49mm **Art. code 11620**



MSL1000 Undecoded

- Barcode laser scanner
- Scan rate: 100 scans/sec
- Scan range: Ca. 50 - 650 mm
  Ca. 1.97 - 25.59 in
- 28 x 14 x 7.8 mm (w x d x h)
  1.10 x 0.55 x 0.31 in (w x d x h)
- Weight: Ca. 10 g / 0.35 oz
  Art. Conn. Tin **11401**

MSL2000 Undecoded

- Barcode laser scanner
- Scan rate: 100 scans/sec
- Scan range: Ca. 50 - 650 mm
  Ca. 1.97 - 25.59 in
- 20.4 x 14 x 11 mm (w x d x h)
  0.79 x 0.71 x 0.43 in (w x d x h)
- Weight: Ca. 3.9 g / 0.14 oz
  Art. Conn. Tin **11400**

SDK

MEK-1000

for MDL Series and MDI1000

- Development board
- Getting started disc
- RS232 cable
  Art. code 11621
- Connection **FPC flatcable**
  MDL series **Art. code 11438**
  MDI1000 **Art. code 11785**
- Universal power supply 5V/2A
  Art. code 11052

SDK for MDI2x00 series on request.

Auto-focus

MDI2000

- 2D CMOS imager with auto-focus
- Scan rate: Up to 80 fps
- Scan range: Ca. 45 - 1000 mm / Ca. 1.77 - 39.37 in
- Weight CMOS: Ca.5.3 g / 0.19 oz,
  PCB: Ca. 4 g / 0.14 oz
  Art. code 12474

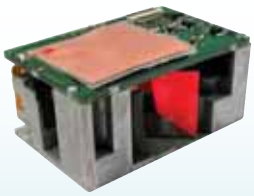
MDI2200

- with mounting holes
- Weight CMOS: Ca. 6 g / 0.21 oz
  PCB: Ca. 4 g / 0.14 oz
  Art. code 12476

Long range

MDI2100

- Long range CMOS imager
  with auto-focus
- Scan rate: Up to 30 fps
- Scan range: Ca. 180 - 2500 mm
  Ca. 7.09 - 98.43 in
- Weight CMOS: Ca. 8 g / 0.28 oz
  PCB: Ca. 4 g / 0.14 oz
  Art. code 12475



MDL3200

- Long range laser scanner
- Scan rate: 40 scans/sec
- Scan range: Ca. 420 - 2800 mm
  Ca. 16.54 - 110.24 in
- 38.4 x 25.4 x 19.3 mm (w x d x h)
- Weight: Ca. 16 g / 0.56 oz
  Art. code 11679

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2D Scanners

B_2D_006

Information about accessories is supplied on the individual sheets of the applicable product groups.

OEM

MDI1000
- 2D CMOS imager
- Scan rate: Up to 30 fps
- Scan range: Ca. 50 - 300 mm
  Ca. 1.97 x 11.81 in

MDI2000
- 2D CMOS imager with auto-focus
- Scan rate: Up to 80 fps
- Scan range: Ca. 45 - 1000 mm
  Ca. 1.77 - 39.37 in

MDI2200
- with mounting holes

MDI2100
- Long range CMOS imager with auto-focus
- Scan rate: Up to 30 fps
- Scan range: Ca. 180 - 2500 mm
  Ca. 7.09 - 98.43 in

Wireless

OPI4002
- 2D CMOS imager
- Peso: Aprox. 125 g / 4,4 oz (excl. cabo)
- IEEE 802.15.4

Stationary

M5
- 2D CMOS imager
- Scan rate: Up to 50 fps
- IP rate: 52
- RS232, USB (HID/VCP), Keyboard Wedge

NLV2101
- 2D CMOS imager
- Scan rate: Up to 30 fps
- IP rate: 67
- RS232, USB (HID/VCP)

Cabled scanners

OPI2002
- 2D CMOS imager
- Weight: Ca. 135 g / 4,8 oz (excl. cable)

OPI2201
- 2D CMOS imager with auto-focus
- Weight: Ca. 185 g / 6,5 oz (excl. cable)
- Pistol
- RS232, USB, Keyboard Wedge
- IP rate: 42

Windows CE

PHL7254
- 2D CMOS imager
- Windows CE 5.0
- Keypad: Full
- IP rate: 54
- Bluetooth
  W-LAN
  (WiFi, IEEE 802.11 b/g)
  GSM/GPRS

Windows CE

PHL8152
- Barcode laser scanner
- Windows CE 5.0
- Keypad: (Alpha)Numeric
- IP rate: 65
- IrDA
  Bluetooth
  W-LAN
  (WiFi, IEEE 802.11b/g)
  Serial connector

Windows CE

H15B
- 2D CMOS imager
- Windows CE 5.0
- Keypad: (Alpha)Numeric
- IP rate: 54
- Bluetooth
  W-LAN
  (WiFi, IEEE 802.11b/g)

Windows Mobile

H19B
- 2D CMOS imager
- Windows Mobile™ 6
- Keypad: Dial keypad
- IP rate: 54
- Bluetooth
  W-LAN
  (WiFi, IEEE 802.11 b/g)
  GSM/GPRS/EDGE
  GPS

Windows Mobile

H21-2D
- 2D imager and Color camera
- Windows Mobile™ 6.5
- Keypad: Numeric or Qwerty
- IP rate: 64
- Bluetooth
  W-LAN
  (WiFi, IEEE 802.11 b/g)
  GPRS/EDGE/3G/3.5G
  AGPS

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